Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071719\
Data File : BF115621.D
Acq On : 17 Jul 2019 13:41
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Jul 18 04:43:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 14:03:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	167324	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	713410	20.00	ng		0.00
39) Acenaphthene-d10	9.92	164	349809	20.00	ng		0.00
64) Phenanthrene-d10	11.40	188	609941	20.00	ng		0.00
76) Chrysene-d12	14.04	240	433095	20.00	ng		-0.01
87) Perylene-d12	15.50	264	427883	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	838747	81.99	ng		0.00
7) Phenol-d6	6.52	99	1070981	82.51	ng		0.00
23) Nitrobenzene-d5	7.45	82	1050519	85.62	ng		0.00
42) 2,4,6-Tribromophenol	10.71	330	310149	75.96	ng		0.00
45) 2-Fluorobiphenyl	9.24	172	1735722	86.85	ng		-0.01
79) Terphenyl-d14	12.99	244	1780125	75.84	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.67	88	214909	42.117	ng		99
3) Pyridine	3.44	79	573919	41.456	ng		99
4) n-Nitrosodimethylamine	3.39	42	206074	41.032	ng		99
6) Aniline	6.55	93	744378	41.209	ng		99
8) 2-Chlorophenol	6.67	128	491431	41.785	ng		95
9) Benzaldehyde	6.43	77	331326	40.848	ng		98
10) Phenol	6.53	94	638295	42.361	ng		84
11) bis(2-Chloroethyl)ether	6.62	93	472505	41.187	ng		98
12) 1,3-Dichlorobenzene	6.83	146	554664	41.946	ng		100
13) 1,4-Dichlorobenzene	6.90	146	544317	41.257	ng		97
14) 1,2-Dichlorobenzene	7.06	146	511508	42.412	ng		98
15) Benzyl Alcohol	7.02	79	440181	42.749	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	673139	44.569	ng		97
17) 2-Methylphenol	7.13	107	413305	40.778	ng		99
18) Hexachloroethane	7.40	117	210548	42.995	ng		93
19) n-Nitroso-di-n-propylamine	7.30	70	364775	43.090	ng		97
20) 3+4-Methylphenols	7.29	107	510202	42.379	ng		93
22) Acetophenone	7.29	105	674554	41.854	ng	#	97
24) Nitrobenzene	7.46	77	578225	43.695	ng		95
25) Isophorone	7.70	82	1037787	42.271	ng		98
26) 2-Nitrophenol	7.78	139	290848	42.700	ng		98
27) 2,4-Dimethylphenol	7.82	122	404784	39.718	ng		100
28) bis(2-Chloroethoxy)methane	7.91	93	638797	42.413	ng		99
29) 2,4-Dichlorophenol	8.02	162	443204	41.815	ng		98
30) 1,2,4-Trichlorobenzene	8.11	180	487733	40.709	ng		98
31) Naphthalene	8.19	128	1431144	41.422	ng		97
32) Benzoic acid	7.95	122	368055	44.005	ng		99
33) 4-Chloroaniline	8.23	127	636900	41.616	ng		99
34) Hexachlorobutadiene	8.31	225	280230	40.787	ng		100
35) Caprolactam	8.61	113	143535	43.824	ng		97
36) 4-Chloro-3-methylphenol	8.71	107	458348	41.689	ng		99
37) 2-Methylnaphthalene	8.88	142	943122	41.180	ng		98
38) 1-Methylnaphthalene	8.98	142	913252	41.981	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	433460	41.149	ng		97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	241707	40.224 ng	99
43) 2,4,6-Trichlorophenol	9.15	196	313171	40.653 ng	99
44) 2,4,5-Trichlorophenol	9.19	196	333558	42.281 ng	98
46) 1,1'-Biphenyl	9.34	154	1155207	42.241 ng	97
47) 2-Chloronaphthalene	9.37	162	949046	41.678 ng	97
48) 2-Nitroaniline	9.46	65	304845	43.253 ng	98
49) Acenaphthylene	9.78	152	1417180	42.001 ng	98
50) Dimethylphthalate	9.64	163	1119454	42.535 ng	99
51) 2,6-Dinitrotoluene	9.70	165	255872	42.780 ng	99
52) Acenaphthene	9.96	154	951529	43.680 ng	99
53) 3-Nitroaniline	9.87	138	294748	43.124 ng	99
54) 2,4-Dinitrophenol	9.97	184	146276	47.635 ng	93
55) Dibenzofuran	10.13	168	1278143	41.316 ng	98
56) 4-Nitrophenol	10.02	139	237871	45.639 ng	99
57) 2,4-Dinitrotoluene	10.10	165	350319	45.210 ng	91
58) Fluorene	10.47	166	963086	43.548 ng	97
59) 2,3,4,6-Tetrachlorophenol	10.24	232	280021	42.460 ng	100
60) Diethylphthalate	10.34	149	1060829	43.019 ng	99
61) 4-Chlorophenyl-phenylether	10.46	204	502341	40.960 ng	98
62) 4-Nitroaniline	10.48	138	301907	46.049 ng	96
63) Azobenzene	10.62	77	1064255	44.495 ng	98
65) 4,6-Dinitro-2-methylphenol	10.52	198	190472	51.112 ng	87
66) n-Nitrosodiphenylamine	10.57	169	896337	47.243 ng	99
67) 4-Bromophenyl-phenylether	10.95	248	284970	40.884 ng	98
68) Hexachlorobenzene	11.02	284	325937	40.947 ng	99
69) Atrazine	11.10	200	239380	38.459 ng	98
70) Pentachlorophenol	11.21	266	199100	40.896 ng	99
71) Phenanthrene	11.43	178	1301632	41.632 ng	98
72) Anthracene	11.48	178	1315699	40.720 ng	99
73) Carbazole	11.63	167	1207177	42.605 ng	99
74) Di-n-butylphthalate	11.96	149	1441981	41.316 ng	100
75) Fluoranthene	12.62	202	1396668	42.274 ng	99
77) Benzidine	12.73	184	689633	44.949 ng	98
78) Pyrene	12.84	202	1397236	38.079 ng	97
80) Butylbenzylphthalate	13.46	149	616292	39.399 ng	97
81) Benzo(a)anthracene	14.03	228	1197233	41.960 ng	98
82) 3,3'-Dichlorobenzidine	13.99	252	447210	44.090 ng	97
83) Chrysene	14.07	228	1175542	41.042 ng	98
84) Bis(2-ethylhexyl)phthalate	14.02	149	788322	40.686 ng	99
85) Di-n-octyl phthalate	14.63	149	1303887	42.295 ng	99
86) Indeno(1,2,3-cd)pyrene	16.98	276	931555	38.282 ng	99
88) Benzo(b)fluoranthene	15.08	252	1134299	41.169 ng	98
89) Benzo(k)fluoranthene	15.11	252	1032680	42.040 ng	97
90) Benzo(a)pyrene	15.44	252	984817	41.587 ng	99
91) Dibenzo(a,h)anthracene	16.99	278	757403	36.432 ng	100
92) Benzo(g,h,i)perylene	17.42	276	710400	34.263 ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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